3.1 HARDWARE:

The hardware topic is associated with input and output devices, the processing unit, and your use of storage space. When taking the ITGS class you will need to know the basic information about these things to understand the basic works of ITGS.

Examples of Input/output devices:

-Keyboard

-Mouse

-Webcams

-Sensors

-Probes

-Printers

-Monitors

3.2 SOFTWARE:

The software topic in ITGS is dealing with computer systems. When taking the ITGS course you will know the meaning of this to understand activities and concepts in this course.

Examples of Software:

-Applications (word processing, desktop publishing, Photoshop, website developments)

-Registration, serial number

-Templates

-Wizards

-Tutorials

System Utilities:

-Backup file management

- Virus Scan

-Monitor and Keyboard Settings

3.3 NETWORKS:

Networks are very important in ITGS because business, homes, schools, organizations, and more are all connected by networks. You will need to know the basic roles of networks when taking this course.

Network Technologies:

-Client/Host

-Virtual private network

-Networking operating systems

-Cloud Computing

Network Functionality:

-Protocols

-Remote access

-Bit rates

Network Administration:

-Data Centers

-Energy Use

-Electronic Security

-Monitoring

-Codes of Ethics

3.4 INTERNET:

Internet is a major part of ITGS, the internet is a great use of technology, but it is also a great example of the digital divide. The internet is also a big society issue with peoples views on if it is acceptable and if people think it is a good use of finding information, the internet is used for multiple things in todays world and you will learn about it in the ITGS course, for example, online shopping, social networking, and ethical issues.

Fundamentals:

-WWW

-Internet browser

-Web based languages

-Data Driven Websites

-Site Management

Tools:

-Social Networking

-Web databases

-Email

Services:

-Online Advertising

-E- Commerce

-W3C